

From owner-qrp-l@netcom.com Mon Dec 26 16:20:32 1994
From: K7YHA@aol.com
Date: Mon, 26 Dec 1994 15:34:22 -0500
Message-Id: <941226153421_7497951@aol.com>
Subject: 40 Meter KM/W Record SHATTERED!

Initial indications are that on Dec 26, 1994 at 1132 EST (1632Z) the 40 meter 1 Million Mile Per Watt record established in 1968 (according to K5F0) was broken.

Paul, AA4XX, 16 miles south of Raleigh, NC, made contact with Fran, KA3WTF, in Larksville, PA using 221 MICRO watts (this is the correct figure....earlier it was reported as 121 Microwatts....however, 221 is the correct figure).

Using the GPS coordinates for my QHT in Wilkes-Barre PA (3 miles from Fran's QTH) and the coordinates for Raleigh, NC the path distance was established at 651 US Miles (using W6EL's MiniProp Plus propagation software).

Fran used an Argo-II and a Carolina Windom to receive Paul's microwatt signals. Paul used a multi-element wire beam. Paul measured his RF output using a scope and computed his effective (RMS) power output using OHMs law.

In a couple of days we will refigure the acutal path using GPS data obtained at KA3WTF's QTH. Since Paul does not have a GPS transceiver, we will continue to use the Raleigh, NC coordinates to compute the path distance (eventhough it will be 16 miles short).

Further information regarding WWV prop forecast and equipment/antennas used by AA4XX will be forthcoming.

It is rumored that Paul will be driving up to Fran's QTH this coming Saturday to personally present him with the world record QSL card! If this happens, I'll have a camera handy and snap some pix for the QQ and QRPp articles.

CONGRATULATIONS to Fran and Paul.

72 rich

From owner-qrp-l@netcom.com Mon Dec 26 20:18:26 1994
From: K7YHA@aol.com
Date: Mon, 26 Dec 1994 19:31:39 -0500
Message-Id: <941226193137_7654943@aol.com>
Subject: 40 Meter KM/W Record Vaporized!

On December 26, 1994 at 1132 EST (1632Z) Paul Stroud, AA4XX near Raleigh, NC contacted Fran Slavinski, KA3WTF, in Larksville, PA (a path distance of 651 US miles) using 221 MICROwatts of radiated RF energy.

Paul's station consisted of an OHR Classic transceiver attenuated to 221 Microwatts output (as measured on a 100MHz scope and calculated using Ohm's law) feeding into a 3 element 40 meter wire Yagi antenna at 40 feet.

Fran's station consisted of a T-T Argonaut-II and Carolina Windom at 30 feet. Fran copied Paul's microwatt signals at RST 229 and Paul reported Fran's 5 watt signal RST 579.

This contact was initiated at the 221 Microwatt level (not at a higher power level and then reducing power down to 221 Microwatts).

The path distance was calculated using the Lat/Long for my QTH in Wilkes-Barre, PA (41 deg, 14 min, 38 sec North and 75 deg, 54 min, 22 sec West) and the Lat/long for Raleigh, NC (35.45 W and 78.39 N). This information was fed into W6EL's MiniProp Plus propagation program and calculated path distance was established at 651 miles.

The final figures read 2,945,701.35 miles per watt which obliterates the old record of only 1,000,000 miles per watt set in 1968 (according to K5F0, keeper of the records)

Congratulations to both Fran and Paul for a job well done.

72 rich

From owner-qrp-l@netcom.com Mon Dec 26 21:17:05 1994
Message-Id: <199412270137.RAA23737@scruc.net>
Subject: Re: 40 Meter KM/W Record Vaporized!
Date: Mon, 26 Dec 94 17:37:43 PST
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

congrats on 3 mm miles per watt. That is quite a large number.
So how come I cant work europe with 5 watts ? Thats a puny 1200 mpw !

--

72.5 (almost a full qrp convert)
Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Mon Dec 26 13:01:02 1994
Message-Id: <9412261225.D9303Kh@wa8tzg.mi.org>
Date: Mon, 26 Dec 1994 12:24:59 EST
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: Electronics symbols for KeyCAD Complete?

Several folks here on the list have mentioned KeyCAD Complete as a good package for QRP design work. I was fortunate enough to receive

a copy of the Windows version for Christmas and look forward to doodling up some QRP-rig designs over the next year or so. I need some info, though: does anyone know of a symbol library/symbol sheet with standard electronics symbols in either DXF or IGES format available somewhere out on the Internet? The sample symbols included with KeyCAD are nice but horribly incomplete and before I send in my bucks for their libraries, I'd like to know if I can just FTP something usable somewhere.

72!

--

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member of: ARRL, IMRA, NorCal QRP, G-QRP (#8468), IEEE Computer Society
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal

From owner-qrp-l@netcom.com Mon Dec 26 18:12:52 1994
From: larry wise <lewise@bga.com>
Message-Id: <199412262231.QAA20168@zoom.bga.com>
Subject: fox hunt
Date: Mon, 26 Dec 1994 16:31:08 -0600 (CST)

Repost ---

> Well on tuesday night I heard the fox ok on what looked to be 7120.9 on my
> dial. Some qsb but a good enough signal to work, but no dice. Other
> stations heard here near Austin Tx were: wb6hqq, kc3yb, ab5ou, ab4et,
> n4aox, and kc5eq(?).
>
> This evening on the ssb try, heard the fox on all 80 mtr segments but not on
> 40. 0110z 3752.5, 0115z 3785.0 then 3784.2, 0130z 3906.5 then 3909.0.
> Sigs were s1 until about 0140z and began building and were s5 by 0145z.
> Just a few more minutes on that frequency...
>
> Using an icom ic720a with a blown set of finals which puts out about .2 watts
> on 40 and about .5 watts on 80 (according to the wh7 on the 20 watt
> scale) into a ground mounted butternut hf6v with about 50 radials.
> Thought maybe I wasn't getting out, but worked kj5bn near tulsa, and then
> w6zoh in Apache Junction Az, (both near 7040) so at least someone hears my
> sig. Now for the fox...
>

--

Larry E. Wise lewise@bga.com
Georgetown, Texas KA5T
512-863-5870

From owner-qrp-1@netcom.com Mon Dec 26 14:06:24 1994
Date: Mon, 26 Dec 1994 10:25:52 -0800 (PST)
From: "Henry B. Smith" <hbs@crl.com>
Subject: Fox schedule for the week
Message-Id: <Pine.SUN.3.91.941226102358.22653A-100000@crl5.crl.com>

Can someone post the fox schedule for the week.

Thanks,

Smitty, NA5K

From owner-qrp-1@netcom.com Mon Dec 26 16:17:53 1994
Date: Mon, 26 Dec 1994 15:09:07 -0500
From: Stephen Modena <modena@sunsite.unc.edu>
Message-Id: <9412262009.AA02755@sunsite.oit.unc.edu>
Subject: FOX Schedule reposted

Subject: FOX Schedule

>From owner-qrp-1@netcom.com Sun Dec 18 19:13:16 1994
Date: Sun, 18 Dec 94 14:02:25 -0600
>From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412182002.AA19506@chuck.dallas.sgi.com>
Subject: FOX Schedule

December 18, 1994

For the newbies, we're trying to generate weekly activities during the middle of the week and not on weekends when everybody and their dog is running a contest with N stations, where N is large.

The fox will come on with CQ CQ FOX HUNT de CALL CALL K. or their rendition of same. Then they will be attacked by the hoards of screaming QRPers. :-) Propagation has everything to do with this hunt, thus you may be unfortunate enough to be out of the zone(s) where they can work you.

WARNING: Times and dates are in UTC, so for 0000Z, it's the day before here in the USofA.

We tried to get some time in for the novices. Run at your CW speed and the fox will match it.

name	call	email address	QTH
------	------	---------------	-----

Chuck Adams	K5FO	adams@sgi.com	Dallas, TX
Bob Easton	N2IPY	bobea@watson.ibm.com	Sloatsburg, NY
Craig LaBarge	WB3GCK	74740.3166@CompuServe.com	Phoenixville, PA
Mark Cronenwett	KA7ULD	ka7uld@ix.netcom.com	San Jose, CA
Pete Rossi	WA3NNA	rossi@vfl.paramax.com	Newton Square, PA
Bob Cutter	KI0G	bcutter@csn.org	Glenwood Springs, CO
Dave Adams	N9UXU	dave@flowserver.stem.com	Indianapolis, IN
Ron Stark	KU7Y	mawmod@nimbus.sage.unr.edu	Sun Valley, NV
Stan Goldstein	N6ULU	stan@cruzio.com	Watsonville, CA
Clay Wynn	N4AOX	wyn@ornl.gov	Alcoa, TN
Ted Albert	KF8EE	teda@meaddata.com	Loveland, OH

Week of:	FOX	Date	Time(UCT)	Freq
Dec 18th	KA7ULD	Dec 20th	0400-0600	7.040 7.150
Dec 25th	KU7Y	Dec 27th	0300-0500	7.110-7.115(1st hr) 7.040-050(2nd)
Jan 1st	K5FO	Jan 5	0200-0400	7.110(30min) 7.040(1.5hr)
Jan 8th	N4AOX	Jan 13	00:00Z-01:00Z	7.101 MHz & UP
			01:15Z-03:00Z	7.041 MHz & UP
			-or-	
			Jan 12 (Local)	
			07:00 EST - 08:00 EST	7.101 ; 08:15 EST - 10:00 EST 7.041
			06:00 CST - 07:00 CST	7.101 ; 07:15 CST - 09:00 CST 7.041
			05:00 MST - 06:00 MST	7.101 ; 06:15 MST - 08:00 MST 7.041
			04:00 PST - 05:00 PST	7.101 ; 05:15 PST - 07:00 PST 7.041
Jan 15th	WB3GCK	Jan 17	0000-0200Z	7.110 (30min) - 7.040
Jan 22nd	KF8EE	Jan 23	0200-0400Z	7.040
Jan 29th	KI0G			
Feb 5th	KA7ULD	Feb 7	0400-0600Z	7.040-7.150
Feb 12th	WA3NNA			
Chuck Adams	K5FO	CP-60	adams@sgi.com	

From owner-qrp-1@netcom.com Mon Dec 26 13:12:54 1994
 Message-Id: <9412261731.AA21320@ig1.att.att.com>
 From: mvjif@mvubr.att.com (James M Fitton +1 508 960 2577)
 Date: 26 Dec 94 17:32:00 GMT
 Subject: GB0QRP

G-QRP Wintersports:

During the week between Christmas and New Years,

listen on the QRP freqs for G-QRP club members.

This morning at 0700 UTC, Jim, W1FMR and Mike, W3TS worked Chris, GB0QRP (G4BUE) on 80 M, 3.560 MHz.

We looked for him at 0800 UTC, on 40 M, but condx were bad and could not hear him.

Chris worked all summer on a low band antenna system (phased verticals) and has an excellent QRP signal on 80 M. using his 5 watt Argo II.

This year Mike has antennas for Top Band (160M), and using Home Brew equipment, this may be the year that he contacts GB0QRP on all 9 bands using QRP.

Randy, AA2U usually gets Chris on 8 bands.

Using an HW-9 (8 bands) and a simple L.W. antenna, I managed to work GB0QRP on 7 bands a few years ago.

Happy New Year

Jim, W1FMR

From owner-qrp-l@netcom.com Mon Dec 26 14:00:25 1994
Message-Id: <2997551373.1.p01599@psilink.com>
Date: Mon, 26 Dec 94 13:15:34 +0000
From: "OPS JRF KC1FB" <p01599@psilink.com>
Subject: Got the SSB Fox +

Reposting...Sure was a quiet Christmas with no qrp-l to read (8{<}

Jim KC1FB

----- Forwarded Message
Date: Thu, 22 Dec 94 22:46:29 +0000

Steve you did a great job!!!

I'm an SSB qrp nut ('cause copying CW I tend to blank out) and you made FOX hunting FUN for me. This is how it went here in Norwalk, CT using a YAESU FT-7 running 4.5 Watts PEP into an 80' Center Fed Zepp up at 50'. RxS is relative to my QTH.

Time	Call	RxS	Comments, etc
08:00	The Fox	5x9	on 3.753 (analog dial)
08:04	N8VAR	4x7	you don't hear
08:07	W3PM	5x8	
08:12	N2KPY	3x3	
08:13	AC4HF	3x3	
08:19	*ME*	4x6	on 3.845
08:20	KB5HVN	3x3	
08:22	WB4HQJ?	4x6	Not a hound!
08:35	*ME*	5x7	on 3.909 a lot clearer freq.
- -----End of 75 M -----			
08:57	Tempe Az	3x2	on 7.165 First Ham heard in this segment, not a hound
09:31	N?KP?	1x2	on 7.211 calling you
09:33	*ME*	3x3	on 7.212 I got your 2x2 report but you faded and a "huge" carrier came on.....band changed.
- -----End of Hunt for me/ never heard anyone after that-----			

Noticed that tonite 7.170 to 7.175 was quiet...might want to try there.
Really enjoyed the "Hunt" Steve.

Thanks,

73/72 Jim

P.S. I keep it short because I type almost as fast as I copy CW.

----- End of Forwarded Message

From owner-qrp-l@netcom.com Mon Dec 26 20:34:59 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Hayward RF book available from ARRL
Date: Mon, 26 Dec 94 19:45:39 EST5EDT
Message-Id: <1994Dec26.194539.20502@wb3ffv.ampr.org>

I was browsing through the ads in the back of the Jan 95 QST on Christmas Eve and got my best Christmas present of all: the announcement of a "new" book from ARRL. Not just any book, but a reprinting of a classic which is very high on my list of "books that

are worth stealing from a friends library even if it costs me a friend". :-)

The ad is on page 170, with a red background, and says "Design your own HF, VHF and UHF equipment!" The name of the book is Introduction to Radio Frequency Design by Wes Hayward, W7ZOI. The fine print tells it all--they call it a "timeless reprint". It was written in 1981, and I've had access to copies over the years. At work, some of the RF engineers have it on their bookshelves. Until now it was only available as a college level textbook (as far as I know) and we all know what that does to the price! I don't know if it's still available from Prentice-Hall, but if it is, it has to cost considerably more than the \$30 ARRL wants for it. I presume this is a paperback, the size is 400 pages, and the ARRL version even comes with a 3 1/2" disk for IBM-compatibles with some design programs to accompany the text.

Those of you who are already familiar with the book will probably understand why I drove to work as soon as I saw the announcement (even though it's Christmas eve!), unlocked the building and FAXed my order off right away. For those who don't know it, in a very general way it's along the lines of the ARRLs Solid State Design for the Radio Amateur (by Hayward and DeMaw) but without all the projects, but that's really not a good comparison. It is much larger and much more in depth. On the bookshelf of the technically inclined ham it would sit alongside that book and RF Circuit Design by Chris Bowick, WD4C (1982, ninth printing 1992, currently available from Howard W. Sams). As to the level of difficulty, it's more along the lines of the Bowick book than SSD; this is definitely not for the beginner, although the beginner could still pick up a lot from it. The technically oriented ham will probably love the book. (I do.)

The chapter titles, at least in the original version, are Low Frequency Transistor Models; Filter Basics; Coupled Resonator Filters; Transmission Lines; Two-Port Networks; Practical Amplifiers and Mixers; Oscillators and Frequency Synthesizers; The Receiver: An RF System.

I was overjoyed to see ARRL publish this book at a price aimed at the hobbyist rather than the engineering textbook market. It deserves to have a much wider audience in the ham world, and this should help, due to the price and availability from a widely known ham publisher.

And if anyone from ARRL reads this and is wondering what else we techies might be interested in seeing, how about a reprint of Zverevs monster on filters? I understand it's out of print now, and anecdotal evidence suggests it's a frequently stolen book from

libraries! (The boss has one in his private technical library but we all know better than to steal that one!) Then there's the DeMaw book on ferromagnetic cores...

Standard disclaimers apply--I have no interest in any of the items mentioned except as an enthusiastic consumer, and do not work for any of the entities involved. (This is being posted to both r.r.a.homebrew and the QRP mailing list.) 73 DE WA8MCQ

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Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-l@netcom.com Mon Dec 26 20:24:41 1994
From: K7YHA@aol.com
Date: Mon, 26 Dec 1994 19:49:35 -0500
Message-Id: <941226194934_7664638@aol.com>
Subject: KM/W Record Attempts

After working in the wings on the recent successful attempt to break the 40 meter KM/W record with Fran, KA3WTF and Paul, AA4XX, I feel that, as my last official act as a member of the QRP ARCI BoD, I should make an attempt to establish some criteria for insuring future KM/W record attempts conform to an established standard.

First of all, accurate determination of the actual path distance using GPS Long/Lat data is an absolute must. In the event that one or both stations lack GPS transceivers to accurately establish their geographical positions, the Long/Lat data of the nearest large city will be used. NOTE: if city data is used, care must be taken to insure that the city is close to the actual point of operation (ie. Larksville is only 3 miles from Wilkes-Barre, PA....therefore, lacking GPS data, Fran would use the published data for W-B....not Scranton, which would inflate the figures by 12 miles!)

Accurate power measurement must be documented. The most accurate way that the majority of us "amateurs" have readily available is to use an oscilloscope. Terminate the transmitter into a 50 ohm dummy load (measure the actual resistance with a high impedance Ohm meter). Measure the peak-to-peak RF voltage on the scope. Take this figure and divide it by 2.8 to obtain the RMS (effective) RF voltage. Square this number and divide it by the measured resistance of the dummy load to obtain an accurate power measurement.

In place of simply transmitting signal reports (which can have a "guess factor" applied for accuracy) a three alpha-numeric group should be transmitted and correctly copied by the receiving station. This 3 letter group is known only to the transmitting station, prior to actually transmitting the characters. This precludes guessing when the signal drops

into the noise.

A current WWV prop forecast should be included in the data when it is submitted for a record attempt. This will lend some validity to the submitted figures.

I submit this for initial approval to the QRP ARCI BoD (many of whom are on this list). Feel free to modify as necessary.

72 rich

From owner-qrp-l@netcom.com Mon Dec 26 19:26:42 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412262343.AA07269@Cybernetics.NET>
Subject: My type! Oh, boy!
Date: Mon, 26 Dec 1994 18:43:03 -0500 (EST)

>
> Here is the info as UTC...repeat UTC date and time:
>
> KU7Y Dec 27 UTC 03:00-04:00 UTC 7.110-7.115 MHz
> 04:40-05:00 UTC 7.040-7.050 MHz
> ^^^^^
==> 04:00-05:00 UTC 7.040-7.050 MHz.

Sorry...One hour in each frequency segment.

>
> Remember that 7 p.m. EST Dec 26 is 00:00 Dec 27 UTC.
--
> 73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Mon Dec 26 03:48:17 1994
Date: Mon, 26 Dec 1994 00:09:41 -0800 (PST)
From: Alan Kaul <kaul@netcom.com>
Subject: Nothing on QRP-L ??
Message-Id: <Pine.3.89.9412260006.A1720-0100000@netcom10>

Howdy all. I've received nothing on the list in the last few days--kind of hard to believe that we all took the holidays off.

But then again, dx@unbc also seems to be on holiday. Hmmm.

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-l@netcom.com Mon Dec 26 21:44:05 1994
Date: Mon, 26 Dec 1994 19:50:23 +0600
From: bhowle@freud.inst.com (Bob Howle)
Message-Id: <9412270150.AA17830@freud>
Subject: QRP Gear For Sale (fwd)

I found this on rec.radio.swap and thought it might be of interest to the list.

Bob/WA4ZID

----- start of forwarded message -----

Path: freud.inst.com!darwin.sura.net!rsg1.er.usgs.gov!news.cs.indiana.edu!sgiblab!swrinde!cs.utexas.edu!not-for-mail
>From: aq328@Freenet.HSC.Colorado.EDU (Roger J. Wendell)
Newsgroups: rec.radio.swap
Subject: QRP Gear For Sale
Date: 26 Dec 1994 18:04:50 -0600
Organization: UTexas Mail-to-News Gateway
Lines: 17
Sender: nobody@cs.utexas.edu
Message-ID: <199412270005.RAA21920@Freenet.HSC.Colorado.EDU>
Reply-To: aq328@Freenet.HSC.Colorado.EDU
NNTP-Posting-Host: news.cs.utexas.edu

4 Sale:

Healtkit HW-8 QRP 4 Band transciever	\$145.00
MFJ 9040 QRP 40 Meter transciever	125.00
Realistic HTX-100 SSB/CW 10 Meter Transiever	135.00
Vibroplex IAMBIC Deluxe Standard Keyer Paddle	75.00
Mictronta 12 Volt/2.5 Amp Power Supply	25.00
Quement in-line Dual Meter SWR bridge	15.00
All Have Manuals. Most Used Very Little or Never Used at All. MAKE OFFER on ONE or All. Will Ship. WB0JNR (303) 693-4244 E-Mail direct: aq328@freenet.hsc.colorado.edu	

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Roger J. Wendell aq328@freenet.hsc.colorado.edu
P.O. Box 460101
Aurora, Colorado 80046-0101 USA
----- end of forwarded message -----

From owner-qrp-l@netcom.com Mon Dec 26 23:44:29 1994
Date: Mon, 26 Dec 94 23:57:55 -0400

From: "Nelson H" <nburgoyne@fox.nstn.ca>
Message-Id: <95234.nburgoyne@fox.nstn.ca>
Subject: Qrp Mailing List

subscribe QRP
subscribe QRP-DIGEST

From owner-qrp-l@netcom.com Mon Dec 26 22:15:14 1994
Date: Mon, 26 Dec 1994 20:33:27 -0600 (CST)
From: Adrian Weiss W0RSP English Department <AWEISS@charlie.usd.edu>
Message-Id: <941226203327.22d3@charlie.usd.edu>
Subject: RESTORING THE LIST

Well, well, well... this never happens at the Credit Bureau.

Does anyone know why we can't just ftp or telnet a copy of the blitzed list to LISTSERV and restore it that way?

73, Ade

From owner-qrp-l@netcom.com Mon Dec 26 19:45:33 1994
Message-Id: <199412270007.TAA12717@eeyore.INS.CWRU.Edu>
Date: Mon, 26 Dec 1994 19:07:56 -0500
From: ee115@cleveland.Freenet.Edu (Michael T. Flanagan)
Subject: sub

subscribe QRP-L

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Michael email: ee115@po.cwru.edu	"Taxes are not levied for the
or: mflan@wariat.org	benefit of the taxed."
Amateur radio: kb8nkx	- Robert A. Heinlein

From owner-qrp-l@netcom.com Mon Dec 26 16:14:57 1994
From: ab4el@Cybernetics.NET (Stephen Modena)
Message-Id: <9412262022.AA26111@Cybernetics.NET>
Subject: The schedule for tonight--26 Dec E.S.T.
Date: Mon, 26 Dec 1994 15:22:34 -0500 (EST)

Folks,

I went to the qrp archive at SunSITE and forwarded to the list the last article in which K5FP published the FOX schedule.

My interpretation is that there will be a cw fox hunt tonight Monday.

Here is the info as UTC...repeat UTC date and time:

KU7Y Dec 27 UTC 03:00-04:00 UTC 7.110-7.115 MHz
04:40-05:00 UTC 7.040-7.050 MHz

Remember that 7 p.m. EST Dec 26 is 00:00 Dec 27 UTC.

I always feel nervous doing this, 'cuz it's so easy to get things messed up.

--

73/Steve/AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Mon Dec 26 18:36:53 1994
Date: Mon, 26 Dec 94 16:50:10 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412262250.AA20105@chuck.dallas.sgi.com>
Subject: Re: The schedule for tonight--26 Dec E.S.T.

Warning: typo (I think). 04:00-05:00 should be the time in the
general class portion of 40M, i.e. 7.040-7.050MHz.

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Mon Dec 26 15:40:23 1994
Date: Mon, 26 Dec 1994 12:52:50 -0700 (MST)
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
Subject: Re: your mail
Message-Id: <Pine.3.89.9412261205.C51028-01000000@paris>

Steve:

the 'who qrp-l' message needs to be sent to 'listserv@netcom.com' not to
the qrp-l address. By the way, it was Smitty who alerted me to the list
problem with qrp-l (my mother always said to give credit where credit is
due!).

I'm still upset that I never heard you but someone in El Paso TX (45
miles away!) did. Guess I better get that better antenna up!

Tim AB50U
Las Cruces, NM